

ABSTRACT OF THE DISCLOSURE

An electrical connector has a housing accommodating a plus signal terminal and a minus signal terminal. The connector housing also accommodates a first ground terminal corresponding to the plus signal terminal and a second ground terminal corresponding to the minus signal terminal. Each of the plus signal terminal, the minus signal terminal, the first ground terminal, and the second ground terminal is positioned at each corner of a quadrangle. A distance between the plus signal terminal and the first ground terminal is shorter than a distance between the minus signal terminal and the first ground terminal, while a distance between the minus signal terminal and the second ground terminal is shorter than a distance between the plus signal terminal and the second ground terminal.

The connector may have a retainer body received in the connector housing for retaining the plus signal terminal, the minus signal terminal, the first ground terminal, and the second ground terminal. The four terminals are embedded in the retainer body each at an intermediate portion of the terminal.